



PATENT  
Customer No. 22,852  
Attorney Docket No. 4632-66

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	
Minoru Umemoto et al.	)	Group Art Unit: To be Assigned
Application No.: 10/540,534	)	Examiner: To be Assigned
Filed: June 24, 2005	)	
For: Method of Refining Metal Surface and Metal Product by the Method	)	Confirmation No.: To be Assigned

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Enclosed for the consideration of the Examiner in connection with the prosecution of this case is a copy of a Search Report issued in the corresponding international patent application together with a copy of each of the cited references.

In accordance with M.P.E.P. § 609, for the relevance of the non-English language references, please refer to the English language version of the Search Report which indicates the relevance of these references. Abstracts in English are also provided for each of the Japanese patent publications and WO 02/9908.

Also enclosed is a copy of the A. Niku-Lari article cited on page 1 of the specification.

A Form PTO/SB/08 listing eight references is enclosed.

If there is any fee due in connection with the filing of this Statement, please charge such fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: October 12, 2005

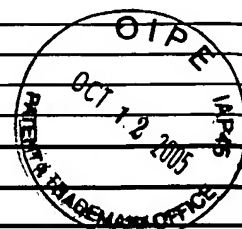
By: 

Arthur S. Garrett

Reg. No. 20,338

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IDS Form PTO/SB/08: Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				Application Number	10/540,534
				Filing Date	June 24, 2005
				First Named Inventor	Minoru Umemoto
				Art Unit	To be Assigned
				Examiner Name	To be Assigned
Sheet	1	of	1	Attorney Docket Number	4632-66



U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			
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**Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.**

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation <sup>6</sup>
		JP 1-240615 A	09-26-89	Nissan Motor Co., Ltd.		X Abstract
		JP 8-001514 A	01-09-96	Toshiba Corp.		X Abstract
		JP 2000-94330 A	04-04-00	Sinto Kogyo Ltd.		X Abstract
		WO 02/09908 A1	02-07-02	Sinto Kogyo Ltd.		X Abstract

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation <sup>6</sup>
		MINORU UMEMOTO, "Shot Peening nado no Hyomem Shori to Kessho Ryubisaika," The Japan Society for Heart Treatment Taikai Koen Gaiyoshu, Vol. 55, pages 47 -48.	
		MINORU UMEMOTO ET AL., "Tekko Zairyo no Ball Mill ni yoru Nano Kesshoka Kiko no Kaimei to sono Bulk-Zai Hyomem Nano Kesshoka heno Oyo," Japan Society of Powder and Powder Metallurgy Koen Gaiyoshu, Vol. 2002, Shuki page 158	
		LIU G. ET AL. "Low carbon steel with nano structured surface layer induced by high energy shot penning," SCR. MATER, VOL. 44, NO. 8/9, PAGES 1791-1795.	
		A. NIKU-LARI, First International Conference on Shot Peening, United Kingdom, Pergamon Press, 1981, p. 192.	

Examiner Signature	Date Considered
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
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